

### REMARKS

Claims 1-56 were previously pending in this patent application. Claims 5, 9, 15, 24, 29, 30, 34, 38, 44, 45, 49, 53, and 56 stand rejected. Claims 1-4, 6-8, 10-14, 16-23, 25-28, 31-33, 35-37, 39-43, 46-48, 50-52, and 54-55 are allowed. Herein, Claims 1, 5, 9, 15, 16, 20, 24, 29, 30, 34, 38, 44, 45, 49, 53, and 56 have been amended. Accordingly, after this Amendment and Response, Claims 1-56 remain pending in this patent application. Further examination and reconsideration in view of the claims, remarks, and arguments set forth below is respectfully requested.

#### 35 U.S.C. Section 112, Second Paragraph, Claim Rejections

Claims 5, 9, 15, 24, 29, 30, 34, 38, 44, 45, 49, 53, and 56 stand rejected under 35 U.S.C. Section 112, Second Paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, it was stated that it was unclear whether "said region" was of a first conductivity or second conductivity. Further, it was stated that the limitation "a second sub-surface layer" was unclear. Herein, Claims 5, 9, 15, 24, 29, 30, 34, 38, 44, 45, 49, 53, and 56 have been amended to include the limitation "said region of said second conductivity" and to include "a sub-surface layer of said second conductivity", where appropriate. It is respectfully submitted that Claims 5, 9, 15, 24, 29, 30, 34, 38, 44, 45, 49, 53, and 56 are definite and particularly point out and distinctly claim the subject matter which applicant regards as the invention.

### CONCLUSION

It is respectfully submitted that the above claims, arguments and remarks overcome all rejections and objections. All remaining claims (Claims 1-56) are neither anticipated nor obvious in view of the cited references. For at least the above-presented reasons, it is respectfully submitted that all remaining claims (Claims 1-56) are in condition for allowance.

The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Please charge any additional fees or apply any credits to our PTO deposit account number: 23-0085.

Respectfully submitted,

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Dated: \_\_\_\_\_

8/1/2005

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